

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

07913-006001

Application No.

09/930,316

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR § 1.61(b))

Applicant

Paul B. Savage et al.

Filing Date

August 15, 2001

Group Art Unit

1616

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
BB	AA	5,834,453 ✓	11/10/98	Regen	—	—	
	AB	5,804,563 ✓	09/1998	Still et al.	—	—	
	AC	5,637,691 ✓	06/10/97	Frye et al.	—	—	
	AD	5,446,026 ✓	08/29/95	Ruff et al.	—	—	
	AE	5,364,632 ✓	11/15/94	Benita et al.	—	—	
	AF	5,268,272 ✓	12/07/93	Müllner et al.	—	—	
	AG	4,981,983 ✓	01/01/91	Castagnola et al.	—	—	
	AH	4,892,868 ✓	01/09/90	Castagnola et al.	—	—	
	AI	4,565,810 ✓	01/21/86	Castagnola et al.	—	—	
	AJ	4,299,726 ✓	11/10/81	Crews et al.	—	—	
	AK	4,192,871 ✓	03/11/80	Phillipps et al.	—	—	
	AL	4,158,707 ✓	06/19/79	Steffen et al.	—	—	
BB	AM	3,519,714 ✓	07/07/70	Hughes et al.	—	—	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
BB	AN	WO 99/31124 ✓	24.06.99	PCT	—	—		
	AO	WO 95/19567 ✓	20.07.95	PCT	—	—		
	AP	0 168 229 ✓	15.01.86	EPO	—	—		
	AQ	0 135 782 ✓	03.05.85	EPO	—	—		
	AR	0 124 068 ✓	07.11.84	EPO	—	—		
BB	AS	0 113 998 ✓	25.07.84	EPO	—	—		

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
BB	AT ✓	Li et al., "Preparation of Amine-Functionalized Cholic Acid Derivatives for Use as Lipid A Binding Agents", Book of Abstracts, 214th ACS National Meeting, September 7-11, 1997, Poster Session
BB	AU ✓	Li et al., "Design and Synthesis of Potent Sensitizers of Gram-Negative Bacteria Based on a Cholic Acid Scaffolding", J. Am. Chem. Soc., Vol. 120, No. 12, April 1, 1998, 2961-62

Examiner Signature

Paul B. Savage

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BB	AV	Barnes et al., "Preparation and Characterisation of Methylated Derivatives of Bile Acids, and Their Application to Gas Chromatographic Analysis", J. of Chromatography, 183, (1980), 269-276
	AW	Bellini et al., "Antimicrobial Activity of Cholane Compounds Cholic and Deoxycholic Acids Derivatives (Part I)", Eur. J. Med. Chem. - Chem. Ther. 1983-18, No. 2, pp. 185-190
	AX	Bellini et al., "Antimicrobial Activity of Cholane Compounds Cheno and Ursodeoxycholic Acids Derivatives Part II", Eur. J. Med. Chem. - Chem. Ther. 1983-18, No. 2, pp. 191-195
	AY	Bowe et al., "Design of Compounds That Increase the Absorption of Polar Molecules", Proc. Natl. Acad. Sci., USA (1997), pp. 12218-23
	AZ	Boyce et al., "Peptidosteroidal Receptors for Opioid Peptides, Sequence-Selective Binding Using a Synthetic Receptor Library", J. Am. Chem. Soc., 1994, 116, 7955-7956
	AAA	Broderick et al., "The 'Triamino-analogue' of Methyl Cholate; A Facial Amphiphile and Scaffold with Potential for Combinatorial and Molecular Recognition Chemistry", Tetrahedron Letters, 39 (1998) 6083-6086
	ABB	Ding et al., "Correlation of the Antibacterial Activities of Cationic Peptide Antibiotics and Cationic Steroid Antibiotics", J. Med. Chem., pp. 663-669, Vol. 45, January 31, 2002
	ACC	Paul B. Savage, "Design, Synthesis and Characterization of Cationic Peptide and Steroid Antibiotics", Eur. J. Org. Chem., pp. 759-768, 2002
	ADD	Paul B. Savage, "Multidrug-Resistant Bacteria: Overcoming Antibiotic Permeability Barriers of Gram-Negative Bacteria", Ann Med, Vol. 33, pp. 167-171, 2001
	AEE	Schmidt et al., "Activities of Cholic Acid-Derived Antimicrobial Agents Against Multidrug-Resistant Bacteria", Journal of Antimicrobial Chemotherapy, Vol. 47, pp. 671-674, 2001
	AFF	Guan et al., "Preparation and Characterization of Cholic Acid-Derived Antimicrobial Agents with Controlled Stabilities", Org. Lett., Vol. 2, No. 18, pp. 2837-2840, 2000
	AGG	Savage et al., "Cholic Acid Derivatives: Novel Antimicrobials", Exp. Opin. Invest. Drugs, Vol. 9, pp. 263-272, 2000
	AHH	Jones et al., "The synthesis and characterization of analogs of the antimicrobial compound squalamine: 6 β -hydroxy-3-aminosterols synthesized from hyodeoxycholic acid, Steroids, pp. 565-571, Vol. 61, October 1996
	AII	Cheng et al., "Sequence-Selective Peptide Binding with a Peptido-A,B-trans-steroidal Receptor Selected from an Encoded Combinatorial Receptor Library", J. Am. Chem. Soc., 1996, 118, 1813-1814
	AJJ	Deng et al., "A Synthetic Loophole that Recognizes Negatively Charged Phospholipid Membranes", J. Am. Chem. Soc. 1996, 118, 8975-8976
	AKK	Hsieh et al., "Synthesis and DNA Binding Properties of C3-, C12-, and C24- Substituted Amino-Steroids Derived from Bile Acids", Bioorganic & Medicinal Chemistry, Vol. 3, No. 6, pp. 823-838, 1995
	ALL	Hsieh et al., "Structural Effects in Novel Steroidal Polyamine-DNA Binding", J. Am. Chem. Soc., Vol. 116, No. 26, 1994, pp. 12077-79
	AMM	Moore et al., "Squalamine: An Aminosterol Antibiotic From the Shark", Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 1354-1358, February 1993
BB	ANN	H. Peter Nestler, "Sequence-Selective Nonmacrocyclic Two-Armed Receptors for Peptides", Molecular Diversity, 2 (1996) 35-40

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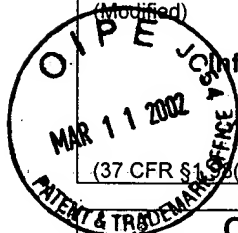
(Use several sheets if necessary)

(37 CFR §1.56(b))

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BB	AOO ✓	Walker et al., "Cationic Facial Amphiphiles: A Promising Class of Transfection Agents", Proc. Natl. Acad. Sci., Vol. 93, pp. 1585-90, February 1995
PB	APP ✓	Wess et al., "The Design and Synthesis of a Scaffold for Combinatorial Chemistry Based on Bile Acid", Angew. Chem. Int. Ed. Eng. 1996, 33, No. 19, pp. 2222-25

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